

DIELECTRIC RESONATOR WIDEBAND ANTENNA

ABSTRACT

5 The present invention relates to a wideband antenna consisting of
a dielectric resonator 1 or DRA mounted on a substrate 2 with an earth plane.
The resonator 1 is positioned at a distance x (x_{top} , x_{right}) from at least one of
the edges of the earth plane, x being chosen such that $0 \leq x \leq \lambda_{\text{diel}}/2$,
with λ_{diel} the wavelength defined in the dielectric of the resonator.
10 The invention applies to wireless networks.

Fig. 1